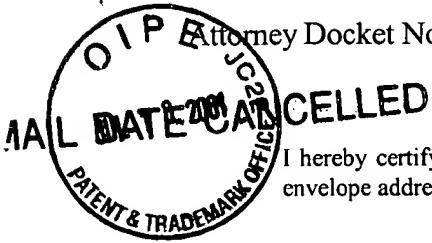


1743



Attorney Docket No. 22660-0027

PATENTS

CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on August 8, 2001.

Rachel Hernandez
Rachel Hernandez

8/A
B/H
S/30/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

: Group Art Unit: 1743

Taylor et al.

: Examiner:

Not assigned

584

P CO → Serial No: 09/548,327

: Customer No 25213

Filed: May 30, 2000

Title: APPARATUS AND METHOD FOR CELL DISRUPTION

Commissioner for Patents
Washington, DC 20231

Sir:

PRELIMINARY AMENDMENT

Please amend the above application as indicated below.

IN THE CLAIMS

Add new claims 83-85.

Claim 83. (New) A micro-sonicator for spore or cell lysis comprising:

a container having a cavity therein adapted to contain spore or cell samples,
a quantity of ultrasonic transmission media in said cavity,
at least a membrane positioned to cover said cavity,
piezoelectric material positioned on said membrane, and

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